

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An endoscopic liquid feed device, said liquid feed device including a liquid feed port provided on a casing of a manipulating head assembly of an endoscope in communication with an internal liquid feed passage leading to a liquid injection port opened at a fore distal end portion of an insertion tube of said endoscope, and a mouth piece provided fixedly at said liquid feed port for detachably connecting a liquid feed adaptor to said liquid feed port at the time of feeding a liquid to said liquid injection port from a pressurized liquid feed means connected to said liquid feed adaptor, characterized in that:

~~said a~~ liquid feed adaptor is constituted by a Luer-Lok member having a check valve member fitted on a fore end portion thereof, a stopper ring provided on outer periphery of said Luer-Lok member, and a nut member rotatably fitted on said Luer-Lok member and axially movable between said stopper ring and a flange portion provided at an outer proximal end of said Luer-Lok member;

~~said a~~ mouth piece being provided with an external male screw portion on outer peripheral side thereof for threaded engagement with said nut member, and formed with a Luer-Lok portion on inner peripheral side thereof, said Luer-Lok portion having a gradually diminishing inside diameter in forward direction; and

a pressurized liquid feed means such as a syringe being detachably connectible to said Luer-Lok portion of said mouth piece in place of said liquid feed adaptor.

2. (Currently Amended) An endoscopic liquid feed device as defined in claim 1, further comprising a plug member adapted to be detachably connected to said mouth piece of

said a liquid feed port in place of said liquid feed adaptor.

3. (Original) An endoscopic liquid feed device as defined in claim 2, wherein said plug member is formed of a resilient material and constituted by a generally tubular main body portion adapted to be detachably fitted on said mouth piece, a hook ring portion adapted to be constantly hooked on said mouth piece, and a flexible narrow strip portion connecting said hook ring portion to said main body portion.

4. (Original) An endoscopic liquid feed device as defined in claim 3, wherein said liquid feed adaptor is arranged to be connected to said mouth piece of said liquid feed port in overlapping relation with said hook ring portion of said plug member.

5. (Original) An endoscopic liquid feed device as defined in claim 4, wherein said nut member of said liquid feed adaptor is arranged to seat on said hook ring portion of said plug member, causing compressive deformation to said hook ring portion.

6. (Original) An endoscopic liquid feed device as defined in claim 1, wherein said check valve member is formed of a heat-resistant resilient material, and provided with a slit in a fore end face thereof.

7. (Original) An endoscopic liquid feed device as defined in claim 6, wherein said check valve member is formed integrally with said liquid feed adaptor by insert molding.

8. (Original) An endoscopic liquid feed device as defined in claim 7, wherein said check valve member is generally formed in a tubular shape having, on front side, an outside diameter substantially same as or larger than inside diameter of said Luer-Lok portion of said mouth piece.

9. (Original) An endoscopic liquid feed device as defined in claim 1, wherein said

nut member and said external male screw portion on said Luer-Lok portion of said mouth piece are engaged with each other through multiple thread screws.

10. (Currently Amended) An endoscopic liquid feed device as defined in claim 1, wherein said Luer-Lok member is provided with a flange portion at an outer proximal end for engagement with a ~~syringed~~ syringe connected thereto, and said nut member is provided with an inwardly projecting rim portion having an inside diameter smaller than outside diameters of said flange portion and said stopper ring to prevent said nut member from falling off.

11. (Original) An endoscopic liquid feed device as defined in claim 10, wherein said stopper ring is threaded on outer periphery of said Luer-Lok member and fixedly bonded to the latter by the use of an adhesive.

12. (Currently Amended) An endoscopic liquid feed device as defined in claim 11, wherein said stopper ring is engaged with a proximal end portion of said mouth piece of ~~said~~ a liquid feed port through anti-rotational locking means.